MIDWEST WIRELINE

MICRORESISTIVITY LOG

Company Brito Oil Company, Inc.
Well Briney-Ross #1-33
Field Pianalto South
County Cheyenne State Kansas

Location: API # : 15-023-21566-00-00
NE NE SE
2310 FSL & 330 FEL
SEC 33 TWP 4S RGE 37W

Other Services
CNL/CDL
DIL

Permanent Datum Ground Level Elevation 3376
Log Measured From Kelly Bushing
Drilling Measured From Kelly Bushing

Elevation
K.B. 3381
D.F.
G.L. 3376

Date	4/3/2022		
Run Number	One		
Depth Driller	5030		
Depth Logger	5031		
Bottom Logged Interval	5030		
Top Log Interval	3900		
Casing Driller	8.625 @ 390		
Casing Logger	390		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	2500		
Density / Viscosity	9.4 / 59		
pH / Fluid Loss	11.0 / 6.4		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.95 @ 66		
Rmf @ Meas. Temp	0.71 @ 66		
Rmc @ Meas. Temp	1.28 @ 66		
Source of Rmf / Rmc	CHARTS		
Rm @ BHT	0.5 @ 126		
Operating Rig Time	2.5 Hours		
Max Rec. Temp. F	126		
Equipment Number	P-24		
Location	Hays		
Recorded By	T. Martin		
Witnessed By	Saman Sharifaie		

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All interpretations are opinions based on inferences from electrical or other measurements and Midwest Wireline LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Midwest Wireline LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

Bird City, KS, 7 S on Rd 28 to G,
4 E, 1/2 N, W into

Log Measured From: Kelly Bushing 5 Ft. Above Permanent Datum

THANK YOU FOR USING MIDWEST WIRELINE LLC
785-625-3858

Your Midwest Wireline Crew	This Log Record Was Witnessed By
Engineer: T. Martin	Primary Witness: Saman Sharifaie
Operator:	Secondary Witness:
Operator:	Secondary Witness:
Operator:	Secondary Witness:

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb
GR	40.33		GR-M&W (101)	3.00	3.50	50.00
CNLSC	37.23		CNT-M&W (207-MW)	5.00	3.50	100.00
CNSSC	36.48					
			CDL-M&W (305-05)	8.50	4.00	250.00
LSD	28.18					
DCAL	28.17					
SSD	27.68					
			ML-PSIML (402)	7.58	4.00	65.00
MCAL	19.58					
MI	19.58					
MN	19.58					
RLL3F	15.50					
RLL3	15.50					
			DIL-M&W (502 HT)	18.25	3.50	220.00
CILD	8.33					
CILM	4.50					
SP	0.20					

Dataset:	brito_briney-ross #1-33.db: field/well/StkMl/pass3.1
Total length:	42.33 ft
Total weight:	685.00 lb
O.D.:	4.00 in

Log Variables

DatabaseC:\ProgramData\Warrior\Data\brito_briney-ross #1-33.db
Dataset field/well/StkMI/pass3.1/_vars_

Top - Bottom

A	BOREID in	BOTTEMP degF	CASEOD in	CASETHCK in	FLUIDDEN g/cc	M	MATRXDEN g/cc
1	7.875	126	5.5	0	1	2	2.71

NPORSEL	PERFS	SNDERR mmho/m	SNDERRM mmho/m	SPSHIFT mV	SRFTEMP degF	SZCOR	TDEPTH ft
Limestone	0	0	0	-322	50	Off	5031

Variable Description

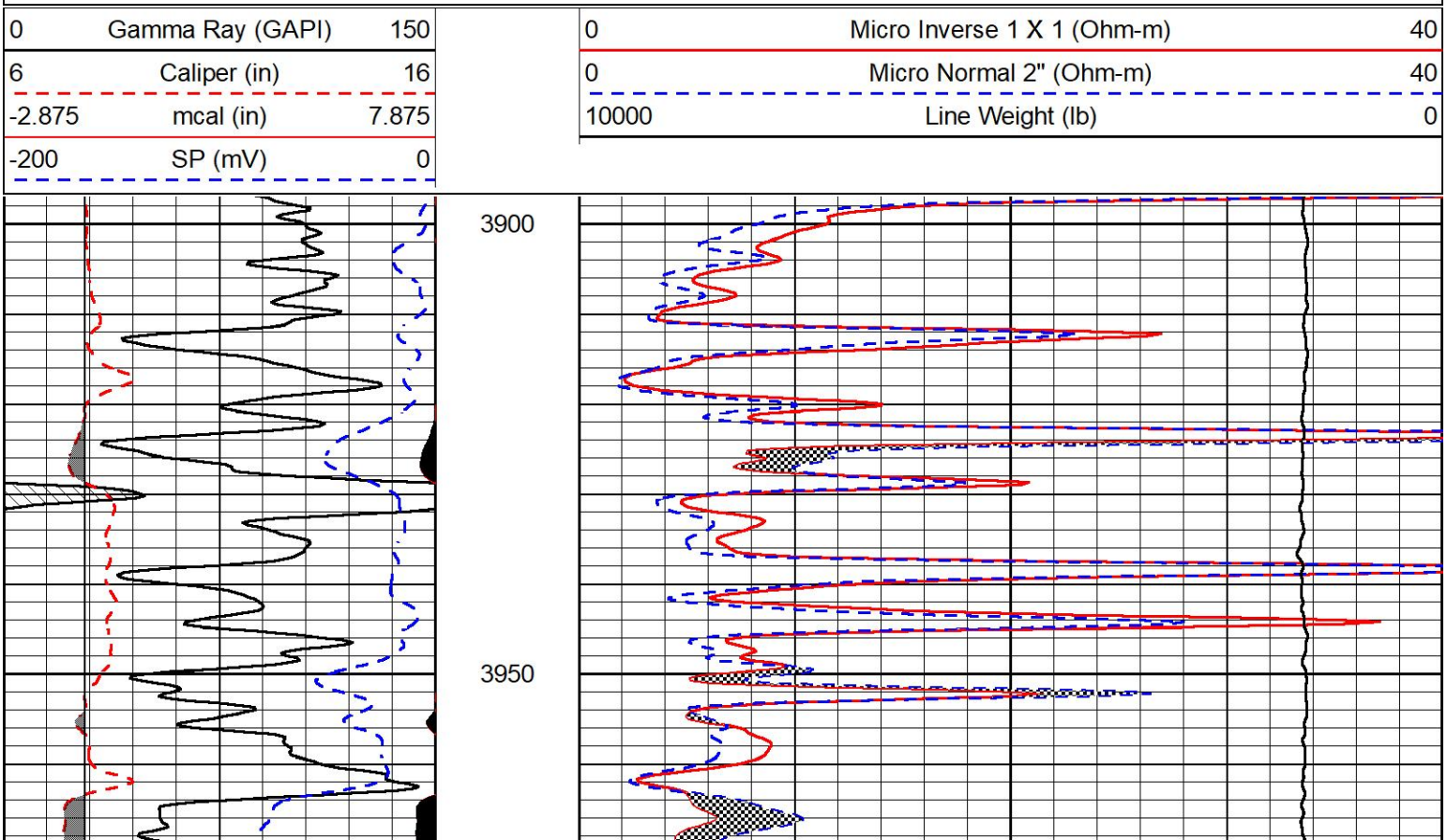
A : Cement Factor (a)
BOREID : Borehole I.D.
BOTTEMP : Bottom Hole Temperature
CASEOD : Casing O.D.
CASETHCK : Casing Thickness
FLUIDDEN : Fluid Density
M : Cement Exp (m)
MATRXDEN : Matrix Density
NPORSEL : Neutron Porosity Curve Select
PERFS : Perforation Flag
SNDERR : Deep Sonde Error Correction
SNDERRM : Medium Sonde Error Correction
SPSHIFT : S.P. Baseline Offset
SRFTEMP : Surface Temperature
SZCOR : CN Size Cor. ?
TDEPTH : Total Depth

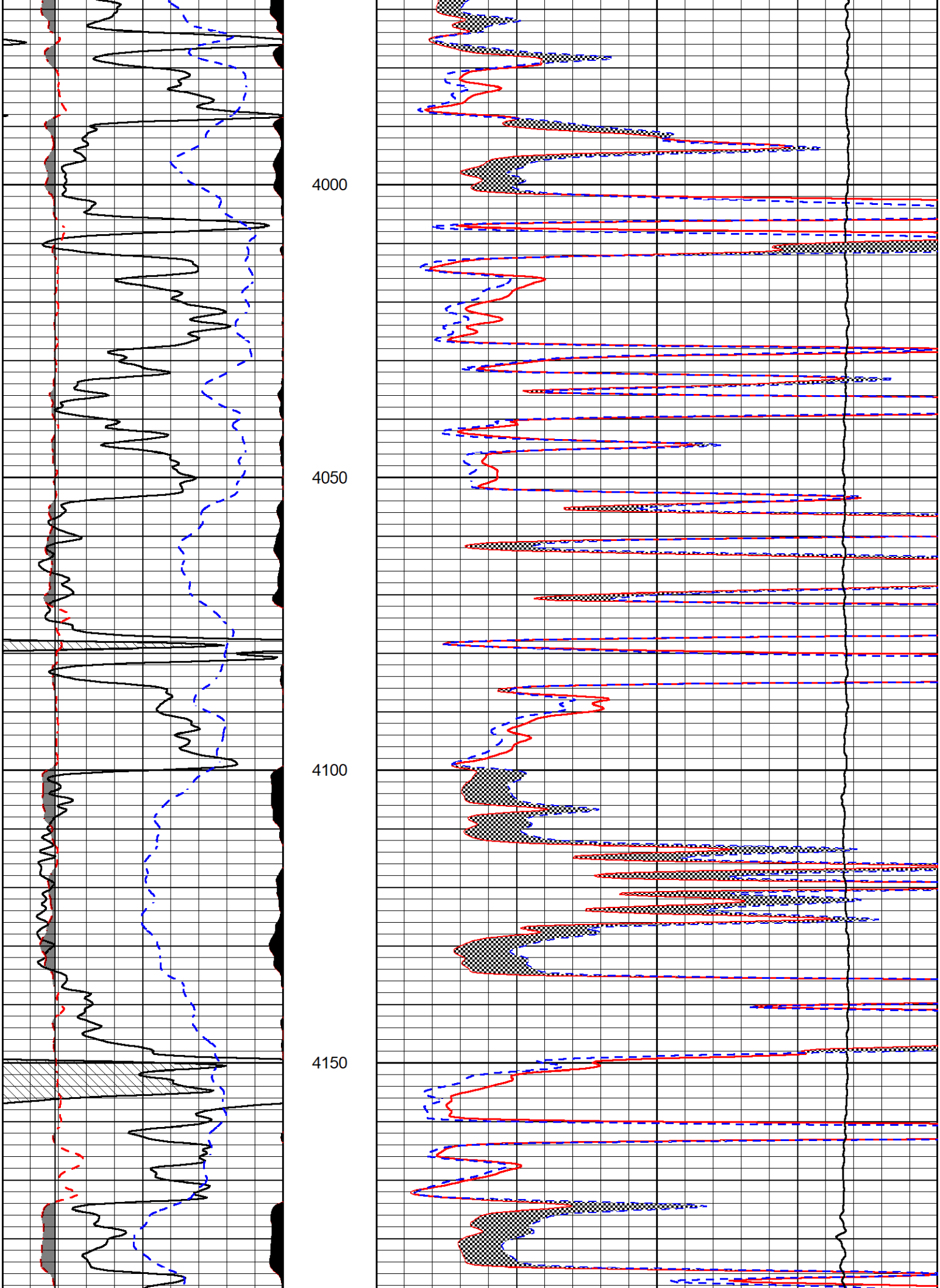
MIDWEST WIRELINE

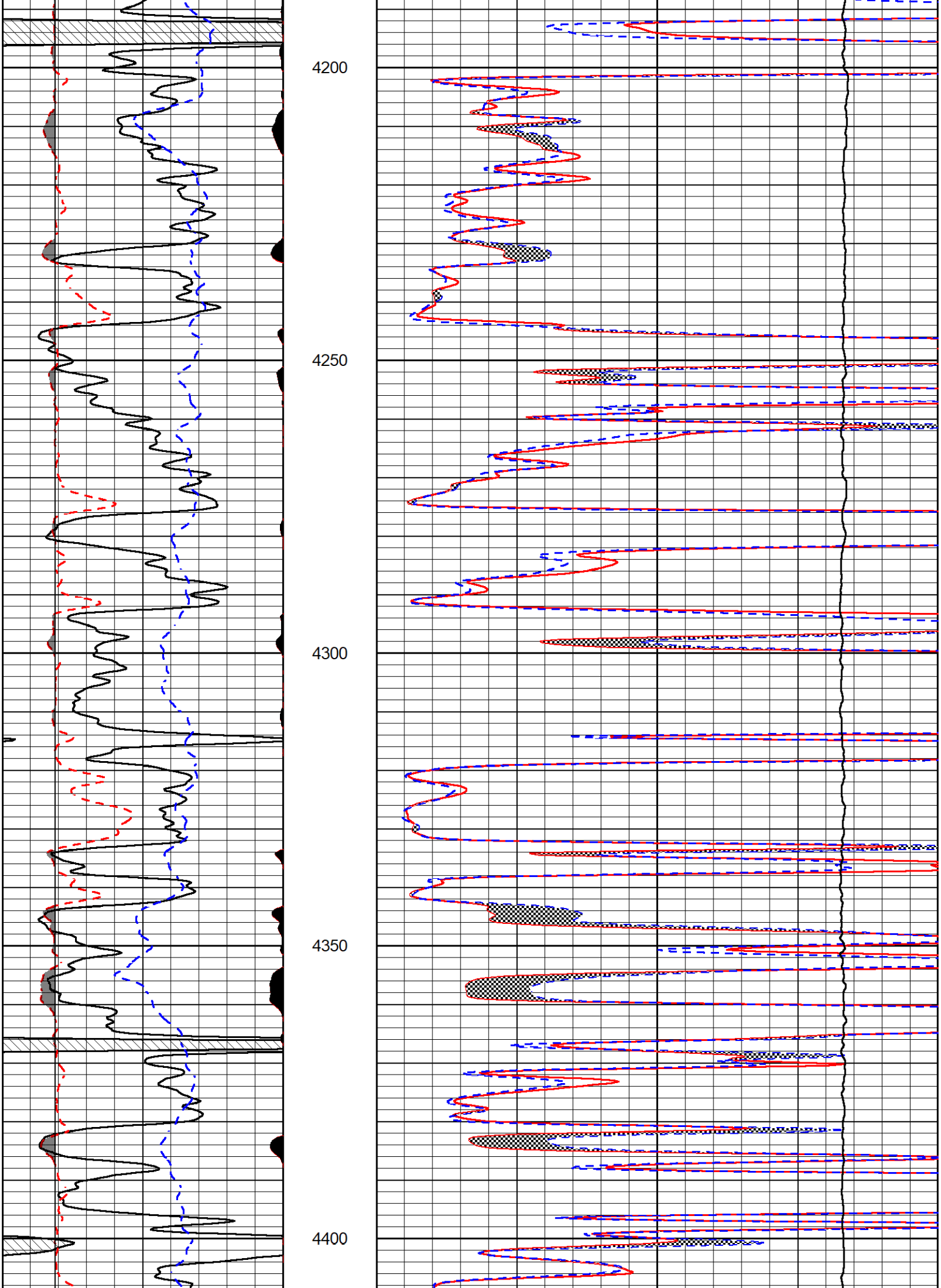
2" SCALE BULK DENSITY

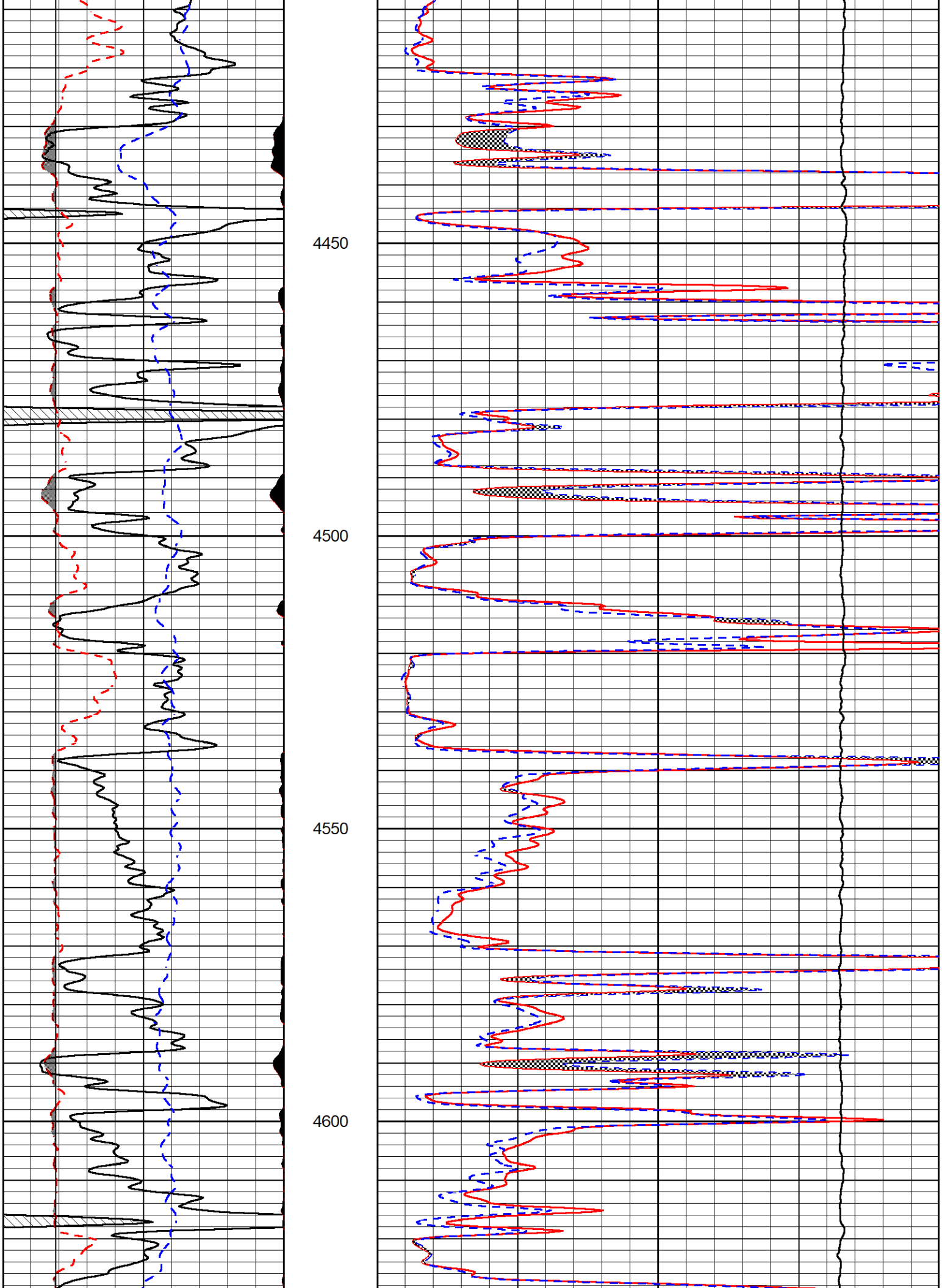
MAIN PASS

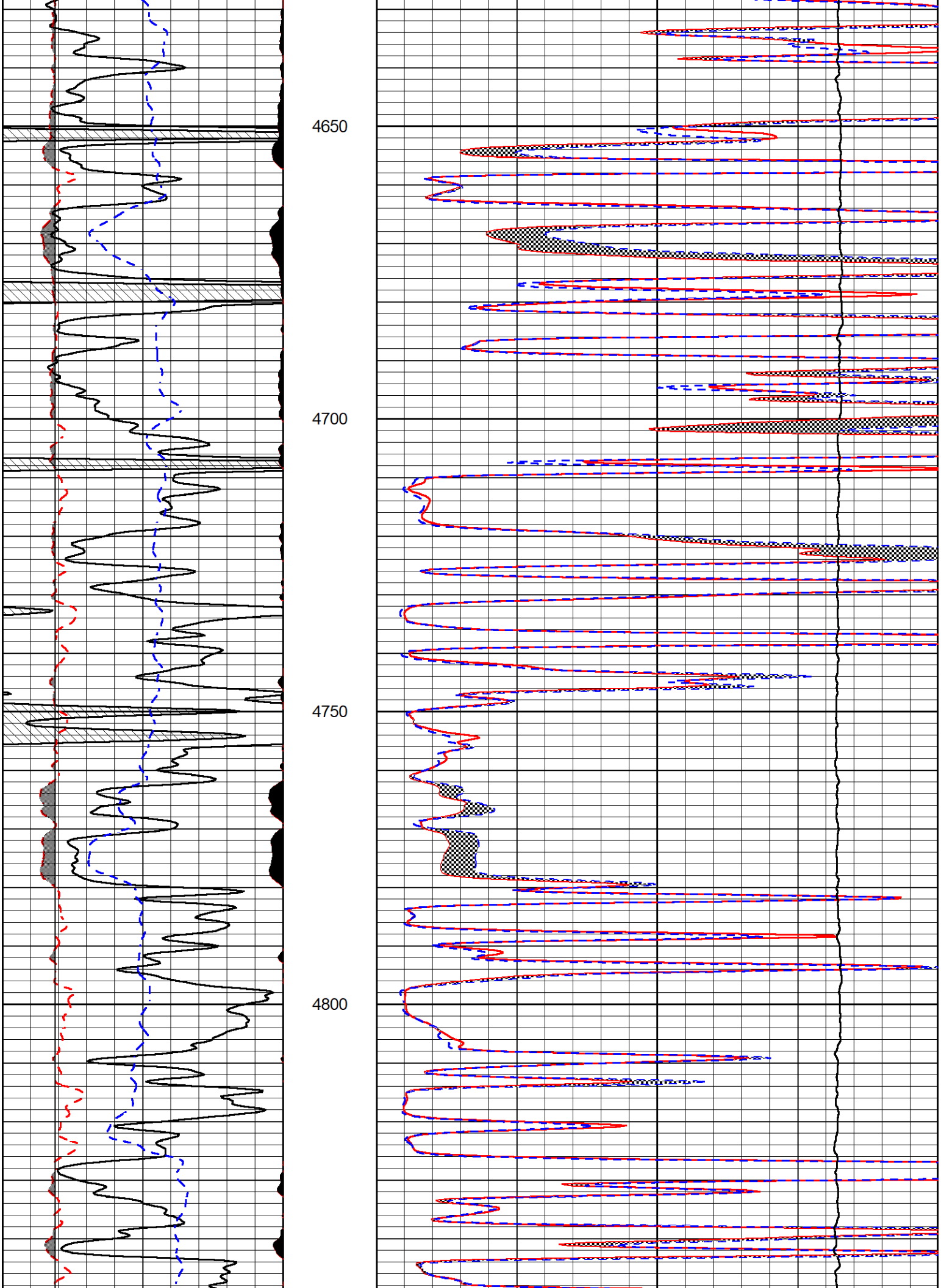
Database File	brito_briney-ross #1-33.db
Dataset Pathname	StkMI/pass3.3
Presentation Format	_micro
Dataset Creation	Sun Apr 03 16:31:09 2022
Charted by	Depth in Feet scaled 1:240

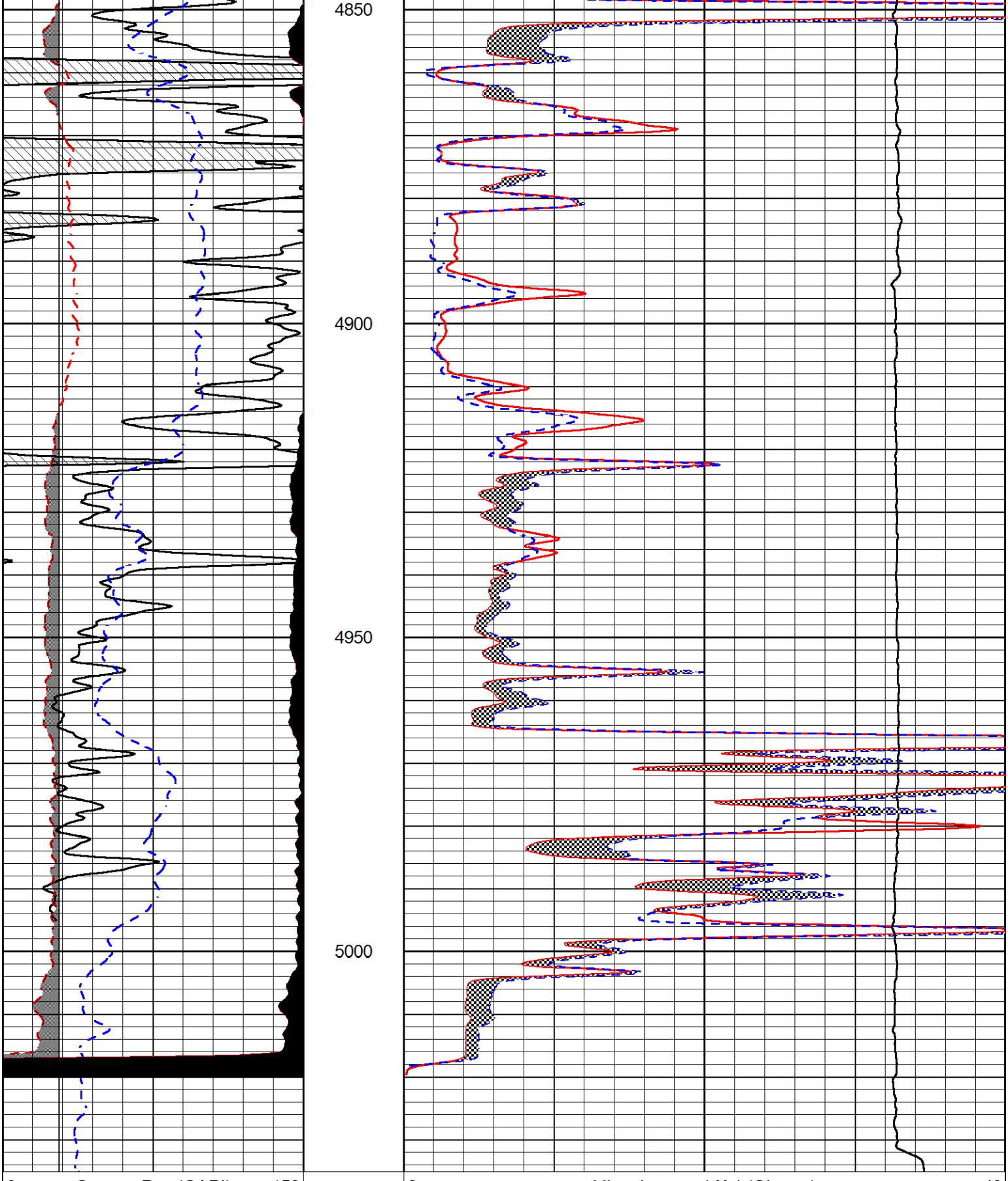



4000
4050
4100
4150


4200
4250
4300
4350
4400


4450
4500
4550
4600


4650
4700
4750
4800



0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-2.875	mcal (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

REPEAT SECTION

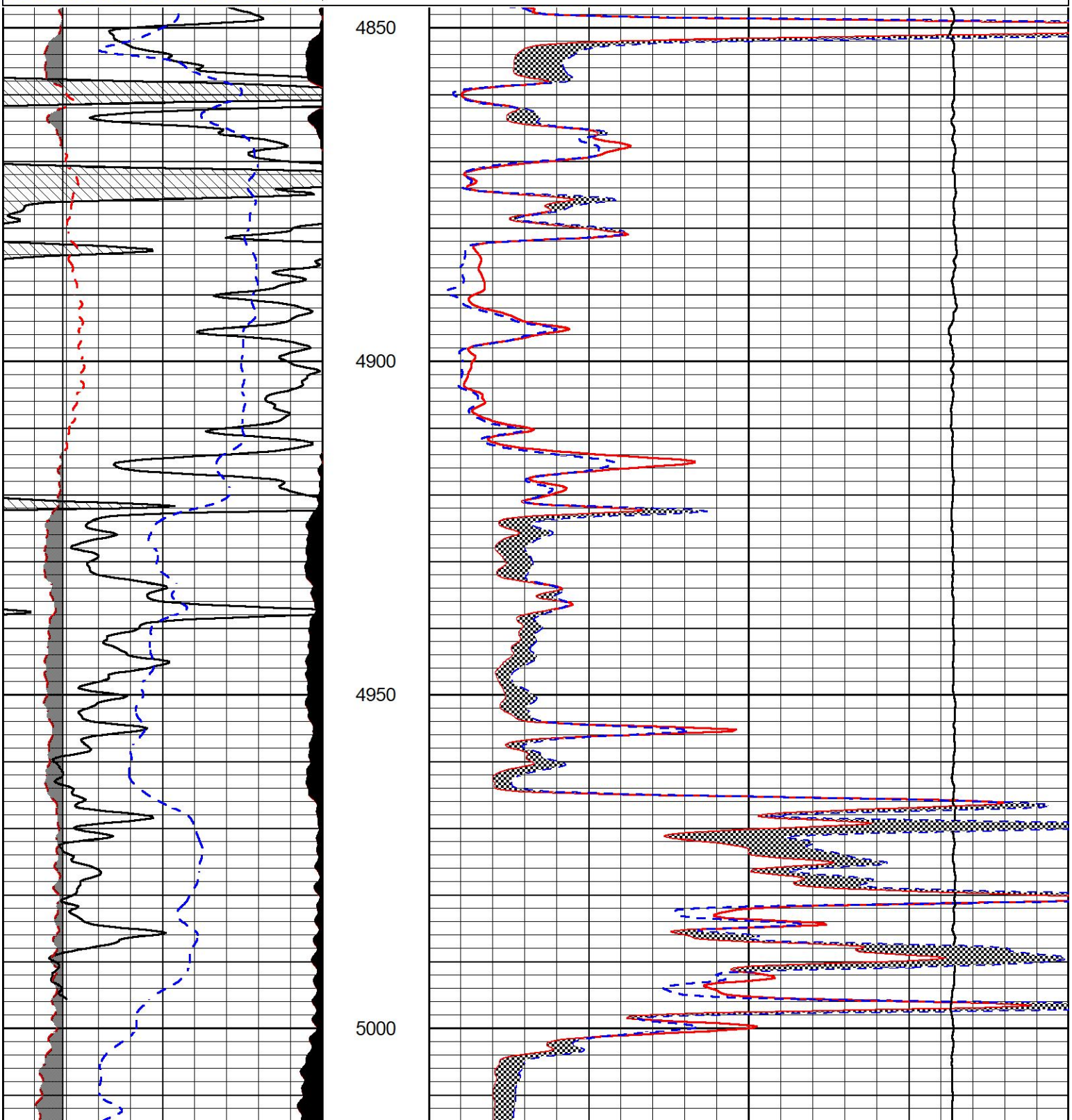
MIDWEST WIRELINE

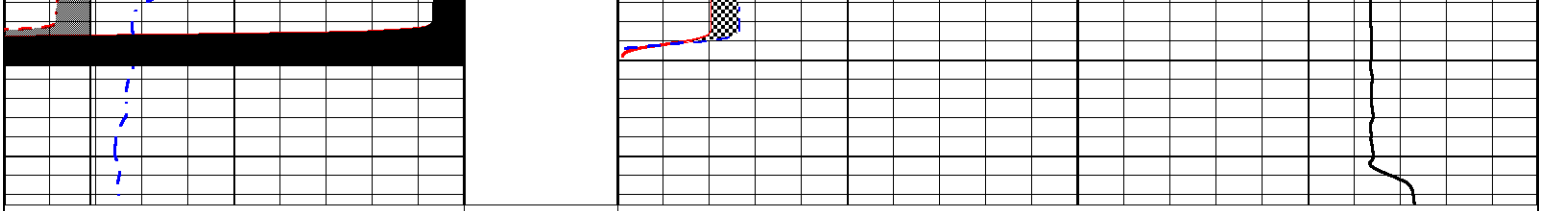
REPEAT PASS

Database File	brito_briney-ross #1-33.db
Dataset Pathname	StkMI/pass2.1
Presentation Format	_micro
Dataset Creation	Sun Apr 03 16:23:54 2022
Charted by	Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-2.875	mcal (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0





0	Gamma Ray (GAPI)	150
6	Caliper (in)	16
-2.875	mcal (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

Calibration Report

Database File	brito_briney-ross #1-33.db
Dataset Pathname	StkMl/pass3.1
Dataset Creation	Sun Apr 03 17:07:42 2022

Dual Induction Calibration Report

Serial-Model:	502 HT-M&W
Surface Cal Performed:	Wed Feb 9 17:39:00 2022

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	83.639	487.104	0.000	183.000	mmho/m	0.454	-34.500
Medium	113.335	1585.690	0.000	442.000	mmho/m	0.350	-7.000

Microlog Calibration Report

Serial-Model:	402-PSIML
Performed:	Mon Jan 24 20:31:16 2022

	Readings		References			Results	
	Zero	Cal	Zero	Cal		m	b
Normal	0.0000	1.0000	0.0000	1.0000	Ohm-m	25500.0000	-0.8000
Inverse	0.0000	1.0000	0.0000	1.0000	Ohm-m	22000.0000	0.2000
Caliper	1.0052	1.0858	5.0000	16.5000	in	125.0000	-122.2000

Compensated Density Calibration Report

Serial-Model:	305-05-M&W
Source #:	20762B
Master Calibration Performed:	Mon Mar 28 23:57:02 2022

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.755	g/cc	8862.47	9339.96	cps
Aluminum	2.610	g/cc	1556.73	5707.29	cps

Spine Angle = 74.19

Density/Spine Ratio = 0.473

	Size		Reading
Small Ring	4.00	in	1.75
Large Ring	14.00	in	1.38

Compensated Neutron Calibration Report

Serial-Model:	207-MW-M&W
Source #:	100046B
Master Calibration Performed:	Mon Nov 29 15:06:24 2021

Master Calibration

Detector	Readings	Target	Normalization
Short Space	6240.00 cps	1000.00 cps	1.6025
Long Space	460.00 cps	1000.00 cps	1.9500

Gamma Ray Calibration Report

Serial Number:	101	
Tool Model:	M&W	
Performed:	Mon Jan 24 19:14:46 2022	
Calibrator Value:	500.0	GAPI
Background Reading:	24.0	cps
Calibrator Reading:	637.0	cps
Sensitivity:	0.5500	GAPI/cps

MIDWEST WIRELINE

Company	Brito Oil Company, Inc.
Well	Briney-Ross #1-33
Field	Pianalto South
County	Cheyenne
State	Kansas